

# REGULATION

of

NAME OF AGENCY

DEPARTMENT OF PUBLIC SAFETY

Concerning

SUBJECT MATTER OF REGULATIONS

CONNECTICUT

CONNECTICUT STATE FIRE SAFETY CODE

## DEPARTMENT OF PUBLIC SAFETY

## CONNECTICUT STATE FIRE SAFETY CODE

### NOTES:

*Revisions to language currently contained within the Regulations of Connecticut State Agencies, Sections 29-292-1d to 29-292-9d, inclusive, have been made by bracketing material to be deleted and capitalizing or underlining material to be added. Changes to sections to be substituted for, deleted from or added to the adopted referenced standard, Code for Safety to Life from Fire in Buildings and Structures of the National Fire Protection Association, Inc., Standard 101, (NFPA 101), 1997 edition, do not utilize this format.*

*A section or subsection preceded by "AMD" indicates the substitution of this provision in the aforementioned adopted referenced standard.*

*A section or subsection preceded by "DEL" indicates the deletion of this provision from the aforementioned adopted referenced standard.*

*A section or subsection preceded by "ADD" indicates the addition of this provision to the aforementioned adopted referenced standard.*

**Section 1:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

(NEW) **Chapter Three** of the Connecticut State Fire Safety Code is amended to add the following:

(Add) **Bed and Breakfast or Bed and Breakfast Establishment.** An existing building that:

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- (a) provides sleeping accommodations to the public for a fee for no more than 16 persons with guest rooms limited to the first or second floor of the structure, and
- (b) the owner occupies the facility or an adjacent property as his/her primary place of residence, and
- (c) where cooking or food warming of any type is not allowed in guest rooms, and
- (d) the building is a maximum of three stories in height and does not contain a mixed occupancy.

**Sec. 2:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

(NEW) **Chapter Four** of the Connecticut State Fire Safety Code is amended by adding the following:

(Amd) **4-1.6 Residential.** *(For requirements, see Chapters 16 through 23.)* Residential occupancies are those occupancies in which sleeping accommodations are provided for normal residential purposes and include all buildings designed to provide sleeping accommodations.

*Exception: Those classified under health care or detention and correctional occupancies.*

Residential occupancies are treated separately in this Code in the following groups:

- (a) Hotels, motels, and dormitories (*Chapters 16 and 17*);
- (b) Apartment buildings (*Chapters 18 and 19*);
- (c) Lodging or rooming houses and bed and breakfasts (*Chapter 20*);
- (d) One- and two-family dwellings (*Chapter 21*); and
- (e) Board and care facilities (*Chapters 22 and 23*).

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**Sec. 3:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

(NEW) **Chapter Seventeen** of the Connecticut State Fire Safety Code is amended by adding the following:

(Amd) **17-2.4 Number of Exits.** Not less than two exits shall be provided from every floor, including floors below the level of exit discharge and occupied for public purposes.

*Exception: Any building protected throughout by an approved, supervised automatic sprinkler system installed in accordance with Section 17-3.5 having four stories or less with not more than four guest rooms or guest suites per floor shall be permitted to have a single exit under the following conditions:*

*(a) The stairway is completely enclosed or separated by barriers having a fire resistance rating of at least 1 hr with self-closing 1-hr fire protection-rated doors protecting all openings between the stairway enclosure and the building.*

*(b) The stairway does not serve more than one-half story below the level of exit discharge.*

*(c) All corridors serving as access to exits have at least a 1-hr fire resistance rating.*

*(d) There is not more than 35 ft (10.7 m) of travel distance from the entrance door of any guest room or guest suite to an exit.*

*(e) One-half-hr fire-rated horizontal and vertical separation between guest rooms or guest suites is provided.*

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**Sec. 4:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

**Chapter Seventeen, Section 17-3.2.2,** of the Connecticut State Fire Safety Code is amended to read:

(Amd) **17-3.2.2 Hazardous Areas.** Any hazardous area shall be protected in accordance with Section 6-4. The areas described in Table 17-3.2.2 shall be protected as indicated. Where sprinkler protection without [fire rated] FIRE-RATED separation is used, areas shall be separated from other spaces by partitions complying with Section 6-3.2 with doors complying with Section 6-3.4.

**Table 17-3.2.2 Hazardous Area Protection**

| <b>Hazardous Area Description</b>   | <b>Separation/Protection</b> |
|---|------------------------------|
| Boiler and fuel-fired heater rooms  | 1-hr or sprinklers           |
| Employee locker rooms   | 1-hr or sprinklers           |
| Gift or retail shops more than 100 sq ft (9.3 sq m)   | 1-hr or sprinklers           |
| Bulk laundries  | 1-hr or sprinklers           |
| Guest laundries outside of guest rooms or guest suites  | 1-hr [and] OR sprinklers     |
| Maintenance shops   | 1-hr or sprinklers           |
| Rooms or spaces used for storage of combustible supplies and equipment in quantities deemed hazardous by the authority having jurisdiction <sup>1</sup> | 1-hr or sprinklers           |
| Trash rooms   | 1-hr or sprinklers           |

<sup>1</sup>Where storage areas not exceeding 24 sq ft (2.2 sq m) are directly accessible from the guest room or guest suite, no separation or protection shall be required.

*Exception: Residential-type heating appliances such as domestic hot water heaters, domestic furnaces, or domestic boilers may be unenclosed when*

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*located within an individual guest room or suite serving only that room or suite that is separated from all adjacent rooms or suites by construction having at least a ½-hr fire resistance rating.*

**Sec. 5:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

**Chapter Twenty** of the Connecticut State Fire Safety Code is amended to read:

## Chapter 20

## Lodging or Rooming Houses AND BED AND BREAKFASTS

**Sec. 6:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

**Chapter Twenty, Section 20-1.1.1**, of the Connecticut State Fire Safety Code is amended to read:

(Amd) **20-1.1.1** This chapter applies to buildings OR PORTIONS THEREOF THAT DO NOT QUALIFY AS A ONE- OR TWO-FAMILY DWELLING, that provide sleeping accommodations for a total of 16 but not fewer than [six] SEVEN persons on either a transient or permanent basis, with or without meals, but without separate cooking facilities for individual occupants except as provided in Chapter 21.

**Sec. 7:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

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(NEW) **Chapter Twenty** of the Connecticut State Fire Safety Code is amended by adding the following:

(Amd) **20-2.2** Interior stairways shall be enclosed by ½-hr fire barriers with all openings protected with smoke-actuated automatic-closing or self-closing doors having a fire resistance comparable to that required for the enclosure. The stairway shall comply with Section 5-2.2.5.3.

*Exception No. 1: Where an interior stair connects the street floor with the story next above or below only, but not both, the interior stair shall be required to be enclosed only on the street floor. In bed and breakfasts, this exception shall not apply to stairs below the street floor.*

*Exception No. 2: Stairways shall be permitted to be unprotected in accordance with the exceptions to Section 20-3.1.1.*

**Sec. 8:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

(NEW) **Chapter Twenty** of the Connecticut State Fire Safety Code is amended by adding the following:

(Amd) **20-3.1.1** Vertical openings shall be protected so that no primary escape route is exposed to an unprotected vertical opening. The vertical opening shall be considered protected if the opening is cut off and enclosed in a manner that provides a smoke- and fire-resisting capability of not less than ½ hr. Any doors or openings shall have fire and smoke resisting capability equivalent to that of the enclosure and shall be automatic-closing on detection of smoke or shall be self-closing.

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*Exception No. 1: In buildings three or fewer stories in height that are protected throughout by an approved, automatic sprinkler system installed in accordance with Section 20-3.5, unprotected vertical openings shall be permitted. However, in such cases, there shall still remain a primary means of escape from each sleeping area that does not require occupants to pass through a portion of a lower floor, unless that route is separated from all spaces on that floor by construction having a ½-hr fire resistance rating.*

*Exception No. 2: In buildings two or fewer stories in height and in bed and breakfasts, stair enclosures shall not be required when the building is protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 20-3.5.1 that utilizes residential or quick response sprinklers. Part (b) of the exception to Section 21-2.2.1 shall not be used.*

*Exception No. 3: In existing lodging or rooming houses, two or fewer stories in height, and in bed and breakfasts, stair enclosures shall not be required for levels at and above the street floor level when the building is provided with an approved household fire warning system in accordance with the requirements of NFPA 72, National Fire Alarm Code. This system shall consist of a control unit with smoke detectors, a manual fire alarm box on each floor level, and occupant notification with a heat detector installed in the kitchen. The kitchen shall also be separated by ½-hr fire-resistive construction, or shall be protected by a limited area sprinkler system, or the range top shall be protected by a listed residential range top extinguisher unit.*

**Sec. 9:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

(NEW) **Chapter Twenty** of the Connecticut State Fire Safety Code is amended by adding the following:

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(Add) **20-2.9 Illumination.** The primary means of escape within bed and breakfasts shall be provided with illumination in accordance with Section 5-8.

*Exception: Where illumination is provided upon activation of the fire alarm system or loss of power. The foot-candle values of illumination provided shall be as required by Section 5-9.2.1.*

**Sec. 10:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

(NEW) **Chapter Twenty** of the Connecticut State Fire Safety Code is amended by adding the following:

(Amd) **20-3.5.2** All new lodging and rooming houses shall be protected throughout by an approved, automatic sprinkler system installed in accordance with Section 20-3.5.1.

*Exception No. 1: If every sleeping room has a door opening directly to the outside of the building at street or ground level, or has a door opening directly to the outside leading to an exterior stairway that meets the requirements of Section 20-2.1.1.*

*Exception No. 2: Bed and breakfasts.*

**Sec. 11:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

(NEW) **Chapter Twenty** of the Connecticut State Fire Safety Code is amended by adding the following:



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(Add) **20-3.5.4** Portable fire extinguishers shall be required only in all kitchens of bed and breakfasts. These portable fire extinguishers shall be installed and maintained in accordance with Section 7-7.4.1.

*Exception: Where the range top is protected by a listed residential range top extinguisher unit.*

**Sec. 12:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

(NEW) **Chapter Twenty** of the Connecticut State Fire Safety Code is amended by adding the following:

(Add) **Section 20-6** Reserved.

(Add) **Section 20-7 Operating Features.**

(Add) **20-7.1 Emergency Instructions for Guests.** A floor diagram reflecting the actual floor arrangement, escape locations, and room identification shall be posted on the inside of every guest room door.

**Sec. 13:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

**Chapter Twenty-one, Section 21-1.1.1**, of the Connecticut State Fire Safety Code is amended to read:

(Amd) **21-1.1.1\*** This chapter establishes life safety requirements for all one- and two-family dwellings. One- and two-family dwellings include buildings containing not more than two dwelling units in which each dwelling unit is occupied by

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members of a single family with not more than [five] SIX outsiders, if any, accommodated in rented rooms.

Buildings which contain a maximum of two dwelling units and no other occupancies are specifically exempted by Section 29-292 of the Connecticut General Statutes from the jurisdiction of this code except for the specific smoke detection provisions set forth in Section 21-3.3.

The requirements of this chapter are applicable to dwelling or living units within other occupancies as referenced by Chapters 8 through 32 and Section 21-1.2.2, herein.

**Sec. 14:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

(NEW) **Chapter Twenty-one** of the Connecticut State Fire Safety Code is amended by adding the following:

(Amd) **21-2.5.1** Stairs, ramps, guards, and handrails shall be in accordance with Section 5-2.2 for stairs and Section 5-2.5 for ramps.

*Exception No. 1: The provisions of Sections 5-2.2.5, 5-2.5.5, and 5-7.3 shall not apply.*

*Exception No. 2: If serving as a secondary means of escape, stairs complying with fire escape requirements of Table 5-2.8.4(a) or (b) and ramps complying with the existing ramp requirements of Exception No. 2 to Section 5-2.5.2 shall be permitted.*

*Exception No. 3: Maximum riser heights of 8¼ in. (20.9 cm) and minimum tread depths of 9 in. (22.9 cm) shall be permitted for stairs in new construction.*

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**Sec. 15:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

**Chapter Twenty-one, Section 21-3.3.1,** of the Connecticut State Fire Safety Code is amended to read:

(Amd) **21-3.3.1** Approved, single-station smoke alarms shall be installed in accordance with Section 7-6.2.10 in the following locations:

(a) All sleeping rooms;

*Exception No. 1 TO (A): Smoke alarms shall not be required in sleeping rooms in existing construction.*

*Exception No. 2 TO (A): In buildings protected throughout by an approved automatic sprinkler system where the bedrooms are equipped with residential sprinklers.*

(b) Outside of each separate sleeping area<sub>1</sub> in the immediate vicinity of the sleeping rooms;

(c) On each additional story of the dwelling unit including basements.

**EXCEPTION: RESIDENTIAL BUILDINGS DESIGNED TO BE OCCUPIED BY ONE FAMILY FOR WHICH A BUILDING PERMIT FOR NEW OCCUPANCY WAS ISSUED PRIOR TO OCTOBER 1, 1978.**

**Sec. 16:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

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**Chapter Twenty-six, Section 26-2.4**, of the Connecticut State Fire Safety Code is amended to read:

(Amd) **26-2.4 Number of Exits.** At least two separate exits shall be:

- (a) Provided on every story, and
- (b) Accessible from every part of every story and mezzanine.

*Exception to (b): Exit access travel shall be permitted to be common for the distances allowed as common paths of travel by SECTION 26-2.5.3.*

*Exception No. 1: For a room or area with a total occupant load of fewer than 100 persons having an exit that discharges directly to the outside at the level of exit discharge for the building, with a total distance of travel, including travel within the exit, from any point not over 100 ft (30 m), a single exit shall be permitted. Such travel shall be on the same floor level or, if traversing of stairs is required, such stairs shall be not more than 15 ft (4.5 m) in height, and the stairs shall be provided with complete enclosures to separate them from any other part of the building, with no door openings therein. A communicating door shall be permitted in the exit stair enclosure at the level of exit discharge if the floor level of the communicating opening is protected throughout by either AN automatic sprinkler system or fire detection system consisting of smoke detection, THAT PROVIDES AN ALARM ON THE FLOOR LEVEL SERVED BY THE SINGLE EXIT. A single outside stair in accordance with SECTION 5-2.2 shall be permitted to serve all floors allowed within the 15-ft (4.5-m) vertical travel limitation.*

*Exception No. 2: Any business occupancy not over three stories and not exceeding an occupant load of 30 people per floor shall be permitted a single separate exit to each floor if the total travel distance to the outside of the building does not exceed 100 ft (30 m) and, if such exit is enclosed in accordance with SECTION 5-1.3, serves no other levels, and discharges directly to the outside. A communicating door shall be permitted in the exit stair enclosure at the level of exit discharge if the floor level of the communicating opening is protected throughout by either AN automatic sprinkler system or fire detection system*

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*consisting of smoke detection, THAT PROVIDES AN ALARM ON THE FLOOR LEVEL SERVED BY THE SINGLE EXIT. A single outside stair in accordance with SECTION 5-2.2 shall be permitted to serve all floors.*

*Exception No. 3: A single means of egress shall be permitted from a mezzanine within a business occupancy, provided that the common path of travel does not exceed 75 ft (23 m), or 100 ft (30 m) if protected throughout by an approved, automatic sprinkler system installed in accordance with Section 7-7.*

*Exception No. 4: A single exit shall be permitted for a maximum two-story single tenant space/building protected throughout by an approved, automatic sprinkler system installed in accordance with Section 7-7 if the total travel to the outside does not exceed 100 ft (30 m).*

**Sec. 17:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

(NEW) **Chapter Twenty-seven** of the Connecticut State Fire Safety Code is amended by adding the following:

(Amd) **27-1.2.2 Combined Business and Residential Occupancies.**

(Add) **27-1.2.2.1** No dwelling unit shall have its sole means of egress through any business occupancy in the same building.

(Add) **27-1.2.2.2** No multiple dwelling occupancy shall be located above a business occupancy.

*Exception No. 1: Where the dwelling occupancy and exits therefrom are separated from the business occupancy by construction having a fire resistance rating of at least 1 hr.*

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*Exception No. 2: Where the business occupancy is protected throughout by an approved, automatic sprinkler system installed in accordance with Section 7-7.*

*Exception No. 3: A building with multiple dwelling units above a business occupancy shall be permitted, provided that the business occupancy is protected by an automatic fire detection system in accordance with Section 7-6 that provides for occupant notification throughout the dwelling units in accordance with Section 7-6.3 and that the egress from the dwelling units is protected in accordance with the requirements of the appropriate occupancy chapter.*

**Sec. 18:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

**Chapter Twenty-seven, Section 27-2.4.2,** of the Connecticut State Fire Safety Code is amended to read:

(Amd) **27-2.4.2** At least two separate exits shall be:

- (a) Provided on every story, and
- (b) Accessible from every part of every story and mezzanine.

*Exception to (b): Exit access travel shall be permitted to be common for the distances allowed as common paths of travel by SECTION 27-2.5.3.*

*Exception No. 1: For a room or area with a total occupant load of fewer than 100 persons having an exit that discharges directly to the outside at the level of exit discharge for the building, with a total distance of travel, including travel within the exit, from any point not over 100 ft (30 m), a single exit shall be permitted. Such travel shall be on the same floor level or, if traversing of stairs is required, such stairs shall be not more than 15 ft (4.5 m) in height, and the stairs shall be provided with complete enclosures to separate them from any other part of the building, with no door openings therein. A communicating door shall be permitted in the exit stair enclosure at the level of exit discharge if the floor level of the*

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*communicating opening is protected throughout by either AN automatic sprinkler system or fire detection system consisting of smoke detection, THAT PROVIDES AN ALARM ON THE FLOOR LEVEL SERVED BY THE SINGLE EXIT. A single outside stair in accordance with SECTION 5-2.2 shall be permitted to serve all floors allowed within the 15-ft (4.5-m) vertical travel limitation.*

*Exception No. 2: Any business occupancy not over three stories and not exceeding an occupant load of 30 people per floor shall be permitted a single separate exit to each floor if the total travel distance to the outside of the building does not exceed 100 ft (30 m) and, if such exit is enclosed in accordance with SECTION 5-1.3, serves no other levels, and discharges directly to the outside. A communicating door shall be permitted in the exit stair enclosure at the level of exit discharge if the floor level of the communicating opening is protected throughout by either AN automatic sprinkler system or fire detection system consisting of smoke detection, THAT PROVIDES AN ALARM ON THE FLOOR LEVEL SERVED BY THE SINGLE EXIT. A single outside stair in accordance with SECTION 5-2.2 shall be permitted to serve all floors.*

*Exception No. 3: A single means of egress shall be permitted from a mezzanine within a business occupancy, provided that the common path of travel does not exceed 75 ft (23 m), or 100 ft (30 m) if protected throughout by an approved, automatic sprinkler system installed in accordance with Section 7-7.*

*Exception No. 4: A single exit shall be permitted for a maximum two-story single tenant space/building protected throughout by an approved, automatic sprinkler system installed in accordance with Section 7-7 if the total travel to the outside does not exceed 100 ft (30 m).*

**Sec. 19:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

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(NEW) **Chapter Twenty-eight** of the Connecticut State Fire Safety Code is amended by adding the following:

(Amd) **28-3.5 Extinguishing Requirements.** Automatic sprinkler protection shall be provided as required by Section 7-7.1.5.

**Sec. 20:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

**Chapter Twenty-nine, Section 29-2.4.1,** of the Connecticut State Fire Safety Code is amended to read:

(Amd) **29-2.4.1** Every building or structure used for storage and every section thereof considered separately shall have at least two separate means of egress as remotely located from each other as practicable.

*Exception No. 1: A single means of egress shall be allowed in low or ordinary hazard storage occupancies provided that the following limits are not exceeded:*

*(a) One story, 30 occupants and 100 ft (30 m) maximum travel distance;*

*or*

*(b) Two story, 30 occupants and 75 ft (23 m) maximum travel distance.*

*Exception No. 2: [Existing occupancies.] IN EXISTING LOW HAZARD STORAGE OCCUPANCIES, A SINGLE MEANS OF EGRESS SHALL BE PERMITTED FROM ANY STORY OR SECTION.*

*EXCEPTION NO. 3: IN EXISTING ORDINARY HAZARD STORAGE OCCUPANCIES, A SINGLE MEANS OF EGRESS SHALL BE PERMITTED FROM ANY STORY OR SECTION, PROVIDED THAT THE EXIT MAY BE REACHED WITHIN THE DISTANCE AS ALLOWED AS COMMON PATH OF TRAVEL. (SEE SECTION 29-2.5.4).*



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**Sec. 21:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

(NEW) **Chapter Thirty** of the Connecticut State Fire Safety Code is amended by adding the following:

(Amd) **30-6.1.4.2 Subclassification of Day-Care Homes.**

(a) Family Day-Care Homes. A family day-care home is a day-care home in which more than three but fewer than seven clients receive care, maintenance, and supervision by other than their relative(s) or legal guardian(s) for less than 24 hr per day (generally within a dwelling unit).

(b) Group Day-Care Homes. A group day-care home is a day-care home in which at least seven but not more than 12 clients receive care, maintenance, and supervision by other than their relative(s) or legal guardian(s) for less than 24 hr per day (generally within a dwelling unit).

**Sec. 22:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

(NEW) **Chapter Thirty-one** of the Connecticut State Fire Safety Code is amended by adding the following:

(Del) **31-1.1.2** Delete Section.

**Sec. 23:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

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(NEW) **Chapter Thirty-one** of the Connecticut State Fire Safety Code is amended by adding the following:

(Amd) **31-6.1.4.2 Subclassification of Day-Care Homes.**

(a) Family Day-Care Homes. A family day-care home is a day-care home in which more than three but fewer than seven clients receive care, maintenance, and supervision by other than their relative(s) or legal guardian(s) for less than 24 hr per day (generally within a dwelling unit).

(b) Group Day-Care Homes. A group day-care home is a day-care home in which at least seven but not more than 12 clients receive care, maintenance, and supervision by other than their relative(s) or legal guardian(s) for less than 24 hr per day (generally within a dwelling unit).

**Sec. 24:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

**Chapter Thirty-three** of the Connecticut State Fire Safety Code is amended to read:

(Amd) **33-1.1 NFPA Publications.** National Fire Protection Association, 1 Batterymarch Park, PO Box 9101, Quincy, MA 02269-9101.

**NFPA 10**, Standard for Portable Fire Extinguishers, 1998 edition. (7-7.4.1)

**NFPA 13**, Standard for the Installation of Sprinkler Systems, [1996] 1999 edition. (6-2.4.12 Exception No. 1, 7-7.1.1, 7-7.4.2, 8-4.5.7, 8-7.5.3.7 Exception No. 1, 9-7.5.3.7 Exception No. 1, 12-3.5.3, 13-3.5.5, 16-1.5, 16-3.5.1 Exception, 17-1.5, 18-3.5.1 Exception No. 2, 19-2.2.1.2, 19-3.5.1 Exception No. 2, 21-2.2.1 Exception (b), 22-2.3.3.1 Exception No. 2 to (a), 22-2.3.5.2 Exception No. 3, 24-4.4.2.5(b), 25-4.4.2.5(b), 26-1.5.2, 27-1.5.2)

**NFPA 13D**, Standard for the Installation of Sprinkler Systems in One- and Two-

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Family Dwellings and Manufactured Homes, [1996] 1999 edition. (7-7.1.1 Exception No. 2, 20-3.5.1 Exception No. 2, 21-2.2.1 Exception (b), 21-3.3.1 Exception No. 2 to (a), 22-2.3.5.2 Exception No. 1, 22-2.3.5.2 Exception No. 2, 23-2.3.5.1 Exception No. 1, 23-2.3.5.1 Exception No. 2)

**NFPA 13R**, Standard for the Installation of Sprinkler Systems in Residential Occupancies Up to and Including Four Stories in Height, [1996] 1999 edition. (7-7.1.1 Exception No. 1, 16-3.5.1, 17-3.5.1, 18-3.5.1, 19-3.5.1, 20-3.5.1 Exception No. 1, 21-2.2.1 Exception (b), 21-3.3.1 Exception No. 2 to (a), 22-2.3.5.2 Exception No. 4, 22-2.3.5.2 Exception No. 5, 22-3.3.5.1 Exception No. 1, 23-2.3.5.1 Exception No. 3, 23-2.3.5.1 Exception No. 4, 23-3.3.5.1 Exception No. 1)

**NFPA 14**, Standard for the Installation of Standpipe and Hose Systems, 1996 edition. (7-7.4.2)

**NFPA 25**, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems, 1998 edition. (7-7.5, 7-7.6)

**NFPA 30**, Flammable and Combustible Liquids Code, See Sections 29-320-1a to 29-320-4a, inclusive, of the Regulations of Connecticut State Agencies known as the Connecticut Flammable and Combustible Liquids Code. (24-4.5.3.1(a), 24-4.5.5, 25-4.5.3.1(a), 25-4.5.5, 30-7.5, 31-7.5)

**NFPA 30B**, Code for the Manufacture and Storage of Aerosol Products, 1998 edition. (24-4.5.3.1(b), 24-4.5.5, 25-4.5.3.1(b), 25-4.5.5)

**NFPA 40**, Standard for the Storage and Handling of Cellulose Nitrate Motion Picture Film, 1997 edition. (8-4.6.1, 8-4.6.3 Exception, 9-4.6.1, 9-4.6.3 Exception)

**NFPA 43B**, Code for the Storage of Organic Peroxide Formulations, (See NFPA 432). (24-4.5.3.1(c), 25-4.5.3.1(c))

**NFPA 43D**, Code for the Storage of Pesticides, 1998 edition. (24-4.5.3.1(d), 25-4.5.3.1(d))

**NFPA 45**, Standard on Fire Protection for Laboratories Using Chemicals, 1996 edition. (6-4.4, 7-2.4, 10-3.2.3, 11-3.2.3, 26-3.2.3)

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**NFPA 54**, National Fuel Gas Code, See Sections 29-329-1 to 29-329-4, inclusive, of the Regulations of Connecticut State Agencies known as the Connecticut Gas Equipment and Piping Code. (10-5.2.2 Exception, 10-7.5 Exception, 11-7.5, 16-5.2.2 Exception, 17-5.2.2 Exception, 18-5.2.2 Exception, 20-5.2.2 Exception, 30-5.2.2 Exception, 30-6.5.2.2 Exception, 30-7.6 Exception, 31-5.2.2 Exception, 31-6.5.2.2 Exception, 31-7.6 Exception)

**NFPA 58**, Standard for the Storage and Handling of Liquefied Petroleum Gases, See Sections 29-331-1 to 29-331-5, inclusive, of the Regulations of Connecticut State Agencies known as the Connecticut Liquefied Petroleum Gas and Liquefied Natural Gas Code. (8-7.1.4(d), 9-7.1.4(d))

**NFPA 70**, National Electrical Code, 1999 edition. (5-9.2.4, 6-2.4.12 Exception No. 3, 6-5.3.4, 7-1.2, 7-2.2, 7-6.1.4, 7-7.1.6, 8-4.3.4, 10-4.1.5, 14-5.1.2, 15-5.1.2, 15-5.1.2 Exception, 32-8.4.2)

**NFPA 72**, National Fire Alarm Code, [1996] 1999 edition. (5-2.1.8 Exception (c), 6-3.5.2, 6-3.5.3, 7-6.1.4, 7-6.2.8, 7-6.2.9, 7-6.2.10 Exception, 7-6.2.10 Exception No. 2, 7-6.3.2 Exception No. 2, 7-6.3.4, 7-6.3.5 Exception No. 2, 7-6.3.8, 7-6.4, 7-6.5.4, 7-7.2.1, 8-3.4.3.3, 10-3.4.2.3(a), 11-3.4.2.3 (a), 14-3.4.1.3, 15-3.4.1.3, 22-3.3.4.8, 23-3.3.4.6, 32-8.3.2)

**NFPA 80**, Standard for Fire Doors and Fire Windows, [1995] 1999 edition. (5-2.1.14(e), 6-2.3.2.1(a), 6-2.3.2.2, 12-3.6.3.5, 13-3.6.3.7)

**NFPA 82**, Standard on Incinerators and Waste and Linen Handling Systems and Equipment, [1994] 1999 edition. (7-5.2)

**NFPA 88A**, Standard for Parking Structures, 1998 edition. (16-3.5.4, 18-3.5.5)

**NFPA 90A**, Standard for the Installation of Air Conditioning and Ventilating Systems, [1996] 1999 edition. (6-2.6.1 Exception No. 2, 7-2.1)

**NFPA 90B**, Standard for the Installation of Warm Air Heating and Air Conditioning Systems, [1996] 1999 edition. (7-2.1)

**NFPA 91**, Standard for Exhaust Systems for Air Conveying of Materials, [1995] 1999 edition. (7-2.2)

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**NFPA 96**, Standard on Ventilation Control and Fire Protection of Commercial Cooking Operations, 1998 edition. (7-2.3)

**NFPA 99**, Standard for Health Care Facilities, [1996] 1999 edition. (6-4.4 Exception, 7-2.4, 12-2.9.2, 12-2.10.2, 12-3.2.1, 12-3.2.2, 12-3.2.3, 12-3.2.4, 12-5.1.2, 12-5.1.3, 12-6.2.9.2, 12-6.3.2.1, 12-6.3.2.2, 13-3.2.2, 13-3.2.3, 13-3.2.4, 13-6.2.9.2, 13-6.3.2.1, 13-6.3.2.2)

**NFPA 102**, Standard for Grandstands, Folding and Telescoping Seating, Tents, and Membrane Structures, 1995 edition. (9-4.8.1)

**NFPA 110**, Standard for Emergency and Standby Power Systems, [1996] 1999 edition. (5-9.2.3, 7-1.3, 7-7.1.6, 32-8.4.2)

**NFPA 111**, Standard on Stored Electrical Energy Emergency and Standby Power Systems, 1996 edition. (5-9.2.3, 7-1.4)

**NFPA 211**, Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances, 1996 edition. (7-2.2)

**NFPA 220**, Standard on Types of Building Construction, [1995] 1999 edition. (6-2.1, 6-5.5.3 Exception, 12-6.1.6.2, 13-6.1.6.2)

**NFPA 221**, Standard for Fire Walls and Fire Barrier Walls, 1997 edition. (6-2.2.2)

**NFPA 231**, Standard for General Storage, 1995 edition. (24-4.5.3.1(e), 24-4.5.5, 25-4.5.3.1(e), 25-4.5.5)

**NFPA 231C**, Standard for Rack Storage of Materials, 1998 edition. (24-4.5.3.1(f), 24-4.5.5, 25-4.5.3.1(f), 25-4.5.5)

**NFPA 231D**, Standard for Storage of Rubber Tires, 1998 edition. (24-4.5.3.1(g), 24-4.5.5, 25-4.5.3.1(g), 25-4.5.5)

**NFPA 241**, Standard for Safeguarding Construction, Alteration, and Demolition Operations, 1996 edition. (12-7.8.2, 13-7.8.2)

**NFPA 251**, Standard Methods of Fire Tests of Building Construction and

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Materials, [1995] 1999 edition. (3-2, 6-2.3.1.1, 6-2.3.1.1 Exception No. 2, 8-4.5.7(e), 22-1.3, 23-1.3)

**NFPA 252**, Standard Methods of Fire Tests of Door Assemblies, [1995] 1999 edition. (3-2, 6-2.3.2.1(a), 6-2.3.2.3.1 Exception 2 to (b) and Exception to (c), 6-3.4.2(a))

**NFPA 253**, Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source, 1995 edition. (3-2, 6-5.6.1)

**NFPA 255**, Standard Method of Test of Surface Burning Characteristics of Building Materials, 1996 edition. (6-5.4.1, 6-5.5.1, 8-4.5.7(f))

**NFPA 256**, Standard Methods of Fire Tests of Roof Coverings, 1998 edition. (13-1.6.2 Exception, 15-1.6.3 Exception No. 1(a), 22-3.1.3.3 Exception to (a), (b), and (c), 23-3.1.3.3 Exception to (a), (b), and (c))

**NFPA 257**, Standard for Fire Tests of Window Assemblies, 1996 edition. (Section 3-2, 6-2.3.2.2(a))

**NFPA 260**, Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture, 1998 edition. (6-6.2(a))

**NFPA 261**, Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes, 1998 edition. (6-6.2(b))

**NFPA 265**, Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile Wall Coverings, 1998 edition. (6-5.3.1.5, 6-5.3.1.5.1, 6-5.3.1.5.2, 6-5.3.5.1(e))

**NFPA 266**, Standard Methods of Test for Fire Characteristics of Upholstered Furniture Exposed to Flaming Ignition Source, 1998 edition. (6-6.3)

**NFPA 418**, Standard for Heliports, 1995 edition. (12-3.2.7)

**NFPA 432**, Code for the Storage of Organic Peroxide Formulations, 1997

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edition. (33-1.1)

**NFPA 701**, Standard Methods of Fire Tests for Flame-Resistant Textiles and Films, [1996] 1999 edition. (6-6.1, 8-4.5.11, 8-7.5.3.4(c), 9-4.5.11, 9-7.5.3.4(c))

**NFPA 703**, Standard for Fire Retardant Impregnated Wood and Fire Retardant Coatings for Building Materials, 1995 edition. (6-5.8.1, 8-7.5.3.4(b), 9-7.5.3.4(b))

**NFPA 1126**, Standard for the Use of Pyrotechnics before a Proximate Audience, 1996 edition. (8-7.3, 9-7.3)

**Sec. 25:** Section 29-292-9d of the Regulations of Connecticut State Agencies is amended as follows:

**Chapter Thirty-three** of the Connecticut State Fire Safety Code is amended to read:

(Amd) **33-1.2 Other Publications.**

**ANSI A14.3-1984**, Safety Code for Fixed Ladders, American National Standards Institute, 11 West 42<sup>nd</sup> Street, New York, NY 10036 (5-2.9.2.1)

**CABO/ANSI A117.1-1992**, [American National Standard for Accessible and Usable Buildings and Facilities, American National Standards Institute, 11 West 42<sup>nd</sup> Street, New York, NY 10036] **SEE ICC/ANSI A117.1-1998** (Section 3-2, 5-1.2, 5-2.12.3.5, 5-2.12.3.6, 5-10.1.3, 7-6.3.4)

**ANSI A1264.1-1989**, Safety Requirements for Workplace Floor and Wall Openings, Stairs and Railing Systems, American National Standards Institute, 11 West 42<sup>nd</sup> Street, New York, NY 10036 (5-2.9.2.1 Exception No. 2, 28-2.2.10 Exception)

**ASME/ANSI A17.1**, Safety Code for Elevators and Escalators, See Sections [29-192-A1 to 29-192-A58, inclusive, Sections 29-192-B1 to 29-192-B89, inclusive, and Sections 29-192-C1 to 29-192-C3,] 29-192-1d TO 29-192-6d, inclusive, of

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the Regulations of Connecticut State Agencies known as the Connecticut Safety Code for Elevators and Escalators. (5-2.12.2.4, 5-2.13.9, 5-2.13.11)

**ASTM E136-1982**, Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C, American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (Section 3-2)

**ASTM E1537**, Standard Method for Fire Testing of Real Scale Upholstered Furniture Items, American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (6-6.3)

**ASTM E1590-1994**, Standard Method for Fire Testing of Real Scale Mattresses, American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (6-6.4)

**ASTM F851-1983**, Standard Test Method for Self-Rising Seat Mechanisms, American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (8-2.5.5.1, 9-2.5.5.1)

Code of Federal Regulations 16, Part 1632 (6-6.2(c))

Connecticut Flammable and Combustible Liquids Code, Sections 29-320-1a to 29-320-4a, inclusive, of the Regulations of Connecticut State Agencies, State of Connecticut Department of Public Safety, Office of State Fire Marshal, PO Box 2794, Middletown CT 06457-9294 (Section 6-4.3.1(a), 33-1.1)

Connecticut Oil Burning Equipment Code, Sections 29-317-1a to 29-317-3a, inclusive, of the Regulations of Connecticut State Agencies, State of Connecticut Department of Public Safety, Office of State Fire Marshal, PO Box 2794, Middletown CT 06457-9294 (Section 7-2.2)

Connecticut Liquefied Petroleum Gas and Liquefied Natural Gas Code, Sections 29-331-1 to 29-331-5, inclusive, of the Regulations of Connecticut State Agencies, State of Connecticut Department of Public Safety, Office of State Fire Marshal, PO Box 2794, Middletown CT 06457-9294 (Section 6-4.3.1(c), 7-1.1, 33-1.1)



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Connecticut Gas Equipment and Piping Code, Sections 29-329-1 to 29-329-4, inclusive, of the Regulations of Connecticut State Agencies, State of Connecticut Department of Public Safety, Office of State Fire Marshal, PO Box 2794, Middletown CT 06457-9294 (Section 6-4.3.1(b), 7-1.1, 7-2.2, 33-1.1)

Connecticut Safety Code for Elevators and Escalators, Sections [29-192-A1 to 29-192-A58, inclusive, Sections 29-192-B1 to 29-192-B89, inclusive, and Sections 29-192-C1 to 29-192-C3,] 29-192-1d TO 29-192-6d, inclusive, of the Regulations of Connecticut State Agencies, State of Connecticut Department of Public Safety, Office of State Fire Marshal, PO Box 2794, Middletown CT 06457-9294 (Section 7-4.2, 33-1.2)

Connecticut Tent and Portable Shelter Code, Sections [29-140-1a to 29-140-5a] 29-140-1b TO 29-140-8b, inclusive, of the Regulations of Connecticut State Agencies, State of Connecticut Department of Public Safety, Office of State Fire Marshal, PO Box 2794, Middletown CT 06457-9294 (Section 29-292-1d)

**ICC/ANSI A117.1-1998**, BOCA INTERNATIONAL INC., 4051 WEST FLOSSMOOR ROAD, COUNTRY CLUB HILLS, IL 60478-5795 (SECTION 33-1.2)

**UL 924**, Standard for Safety Emergency Lighting and Power Equipment, Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062 (5-10.2.2)

**UL 1975**, Standard for Fire Tests for Foamed Plastic Used for Decorative Purposes, Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062 (6-6.7, 8-4.5.11, 8-7.4.3, 8-7.5.3.4(f), 8-7.5.3.4(g), 8-7.5.3.6, 9-7.4.3, 9-7.5.3.4(f), 9-7.5.3.4(g), 9-7.5.3.6)

**Sec. 26:** Section 29-292-7d of the Regulations of Connecticut State Agencies is repealed.

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**Statement of Purpose:**

*To amend the Connecticut State Fire Safety Code to meet the requirements of Section 29-256c of the Connecticut General Statutes regarding bed and breakfast establishments, and to correct transcription errors discovered since the adoption of the regulation, which was effective May 1, 1999. These amendments also resolve conflicts between the Connecticut State Fire Safety Code and State Building Code.*

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